

CLAIMS

WHAT IS CLAIMED IS:

1. An electronic endoscope selector comprising:

a video signal switching processor that switches video
5 signals, which are output to at least one peripheral device,
from first video signals fed from a first electronic endoscope
to second video signals fed from a second electronic endoscope;

a synchronizing signal switching processor that
switches synchronizing signals, which are output to said
10 peripheral device, from synchronizing signals fed from said
first electronic endoscope to synchronizing signals fed from
said second electronic endoscope; and

a switching control processor that drives said video
signal switching processor and said synchronizing signal
15 switching processor, and suspends output of said video signals
for a predetermined period while the switched synchronizing
signals are output.

2. A selector according to claim 1, comprising an
operating processor that is used for operating the driving of
20 said switching control processor.

3. A selector according to claim 1, wherein said
switching control processor drives said video signal switching
processor and said synchronizing signal switching processor
simultaneously.

4. A selector according to claim 3, wherein said
25 switching control processor comprises:

an output switching processor that switches output of said video signals between ON and OFF states, wherein said ON state permits output of said video signals and said OFF state forbids output of said video signals;

5 a timer for timing said predetermined period; and

wherein said output switching processor is set to said OFF state and said timer and said synchronizing signal switching processor are started simultaneously, and after said predetermined period, said output switching processor is
10 switched to said ON state.

5. A selector according to claim 4, wherein said output switching processor switches said ON and OFF states for outputting video signals from said video signal switching processor.

15 6. A selector according to claim 1, wherein said switching control processor drives said video signal switching processor for a predetermined period after driving said synchronizing signal switching processor, and suspends output of said video signals during said predetermined period.

20 7. A selector according to claim 1, wherein the predetermined period is longer than the time required for the synchronizing signal to synchronize with said peripheral device

8. A selector according to claim 1, wherein said synchronizing signal switching processor completes
25 synchronization of the synchronizing signals before said video signal switching processor outputs the video signals to said peripheral device.